

ENDIAN UTM MACRO R1-R2

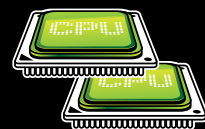
NETWORK SECURITY FOR LARGE ENVIRONMENTS



10Gb Network: Supercharge your networking with 10Gb copper or fiber modules



Scalability: Delivers a highly scalable solution to both small- and mid-size companies



Multi-Core CPU: Ideal for powering the large networks



Multi-Core Modular Appliance for the Most Demanding Networks

(Suggested Users 100 - 2,500) Endian UTM Macro R Series is the highest-performance Unified Threat Management (UTM) appliance, capable of managing and filtering the traffic of the most demanding networks.

Endian UTM Macro R Series is the highest-performance Unified Threat Management (UTM) appliance, capable of managing and filtering the traffic of the most demanding networks. Featuring the latest Intel Multi-Core Technology, advanced networking functionalities and supporting optical fibre and 10Gbit Ethernet modules, Endian UTM Macro R Series is just the perfect security solution for large environments. Integrated security services such as stateful inspection firewall, VPN, IPS/IDS, QoS, gateway anti-virus, anti-spam, Web security and e-mail content filtering offer granular protection in a single appliance, reducing management time and costs. Endian designed UTM Macro R Series to meet the needs of Medium-to-Large businesses requiring a highly available and powerful appliance for a comprehensive, active and constant protection.

Right Size Your Network

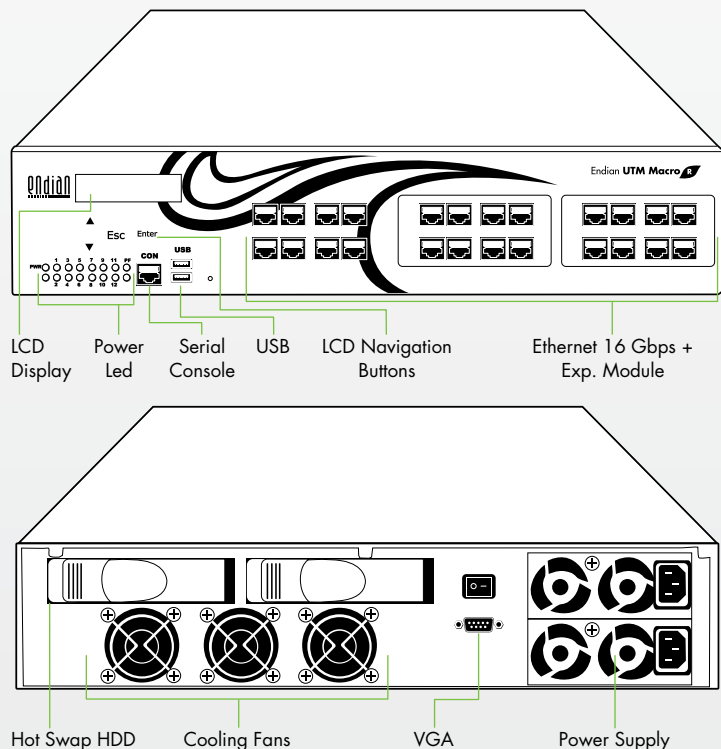
The Macro R series are the perfect devices for really large networks that require maximum power and throughput. They are designed to handle virtually any size network and come with 10Gb connectivity options and dual-power supplies.

Simple. Security.

Good network security shouldn't take an advanced degree to implement. We take the complexity out of security so everyone can enjoy it.

We Got You Covered

Get the help and support you need from Endian. Whether it's our growing online support resources or our network of qualified partners, we're here to help.



Highlights

- Comprehensive protection keeps your network safe from emerging Internet threats
- Intuitive and functional Web interface deploys in minutes, not hours
- Quality of Service and Bandwidth Management to guarantee the best quality for VoIP calls and critical services in your network
- Always up-to-date with latest anti-spam, anti-spyware, anti-virus and content filtering services
- Centralized Management and Provisioning through Endian Network
- Instant Recovery minimizes downtime in case of a failure
- All-in-one means no additional software or hardware required
- Quiet and energy saving thanks to its fanless design and low power consumption

Endian UTM Macro R Series Features

Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Prevention (Snort)
- Multiple Public IPs
- Quality of Service and Bandwidth Management
- SNMP support
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- VLAN support (IEEE 802.1Q trunking)
- DNS Proxy/Routing
- ntop (not in 4i, Mini)
- Anti-Spyware
- Phishing Protection

Web Security

- HTTP & FTP proxies
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group-based web content filter
- Group-based web access policies
- Time-based access control with multiple time intervals
- Sophos Anti-Virus (optional)

Mail Security

- SMTP & POP3 proxies
- Anti-Spam with Bayes, Pattern, and SPF
- Heuristics, Black- and White-lists support
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting
- Commtouch RPD (optional)
- Sophos Anti-Virus (optional)

Virtual Private Networking

- True SSL/TLS VPN (OpenVPN)
- IPsec
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- True SSL/TLS VPN (OpenVPN)
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- IPsec with L2TP and PSK/certificate support
- Unified VPN user management

Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Traffic-based Tickets
- Integrated RADIUS service
- Connection Logging
- Per-user and global bandwidth limiting
- MAC-address-based user accounts
- User accounts import/export per CSV
- Single-click ticket generation (Quick ticket)
- Automatic client network configuration (support for DHCP and static IP)
- Generic JSON-API for external accounting and third party integration
- SmartConnect SMS user registration
- SmartConnect E-Mail user registration
- Password recovery
- Ticket validity
- Userless portal

High Availability

- Hot Standby (active/passive)
- Node Data/Configuration Synchronization

Multi-WAN with Failover

- Support for multiple Uplinks/WANs
- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- Uplink types: Ethernet (Static/DHCP), PPPoE, ADSL, ISDN, PPTP
- UMTS/GPRS/3G support
- Extended Support for GPRS/UMTS USB 3G devices

Routing

- Static Routes; Source-based Routing
- Destination-based Routing
- Policy-based Routing (based on interface, MAC, protocol, or port)

Network Address Translation (NAT)

- Destination NAT
- Incoming Routed Traffic
- One-to-One NAT
- Source NAT (SNAT)
- IPsec NAT Traversal

Logging and Reporting

- Real-time Dashboard
- Event handling and notification
- Live Log Viewer (AJAX-based)
- Detailed User-based Web Access Report (not in 4i, Mini)
- Network/System/Performance Statistics
- Rule-based logging settings (Firewall Rules)
- Syslog: Local or Remote
- OpenTSA trusted timestamping

Feature Highlights



Hotspot



Firewall



Web Security



Email Security



IPS



Centralized Management



VPN (SSL & IPsec)



Disaster Recovery

Performance

	Macro R1	Macro R2
Suggested Users	100 - 1,000*	100-2,500 *
Firewall Throughput	5.0 Gbps	10.0 Gbps
Concurrent Connections	2,500,000	5,000,000
VPN Throughput	400 Mbps	800 Mbps
E-mails per day	250,000	500,000

* Throughput rates, suggested users and E-mails/day will vary depending on environment and configuration (activated proxies, VPN connections, IDS and Application Level Filters)

Hardware specifications

Case Rack	19" 2 U
Power	2 x 460 Watt redundant
Memory	4 GB (Macro R1) 8GB (Macro R2)
LCD Display	Yes
Ethernet	8 Gbps + Expansion Module (Macro R1) 16 Gbps + Expansion Module (Macro R2)
PCI Slots	-
Cooling	Fans
Hard Disk (RAID 1)	2 x 250 GB (Macro R1) 2 x 500 GB (Macro R2)
Certifications	FCC/CE/ROHS/UL
Dimension (HxWxD)	88mm x 424mm x 600mm
Weight	14 kg
CPU	1x Quad Core (Macro R1) 2x Quad Core (Macro R2)
Warranty	12 months
Expansion Module	2x10GbE Copper / 2x10GbE Fiber / 8x Gbit Eth port



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